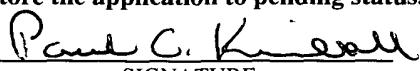


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| 00/05/00 59-2F-00 FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (MODIFIED) | | ATTORNEY'S DOCKET NUMBER X-11965 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 09/647278 |
| INTERNATIONAL APPLICATION NO. PCT/US99/18961 | INTERNATIONAL FILING DATE August 19, 1999 (08/19/99) | PRIORITY DATE CLAIMED August 19, 1998 (08/19/98) |
| TITLE OF INVENTION: METHOD FOR INCREASING BONE TOUGHNESS AND STIFFNESS AND REDUCING FRACTURES | | |
| APPLICANT(S) FOR DO/EO/US: Janet Mary Hock | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. | | |
| 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. | | |
| 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). | | |
| 4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. | | |
| 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | |
| a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). | | |
| b. <input type="checkbox"/> has been transmitted by the International Bureau. | | |
| c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). | | |
| 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). | | |
| 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) | | |
| a. <input checked="" type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). | | |
| b. <input type="checkbox"/> have been transmitted by the International Bureau. | | |
| c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. | | |
| d. <input type="checkbox"/> have not been made and will not be made. | | |
| 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | |
| 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | |
| 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | |
| Items 11. to 16. below concern document(s) or information included: | | |
| 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | |
| 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | |
| 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. | | |
| A SECOND or SUBSEQUENT preliminary amendment. | | |
| 14. <input type="checkbox"/> A substitute specification. | | |
| 15. <input type="checkbox"/> A change of power of attorney and/or address letter. | | |
| 16. <input type="checkbox"/> Other items or information: | | |

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 09/647278 | | INTERNATIONAL APPLICATION NO. PCT/US99/18961 | ATTORNEY'S DOCKET NUMBER X-11965 |
| 17. <input checked="" type="checkbox"/> The following fees are submitted: | | CALCULATIONS PTO USE ONLY | |
| BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO..... \$840.00 | | | |
| International preliminary examination fee paid to USPTO (37 CFR 1.482)..... \$670.00 | | | |
| No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))..... \$760.00 | | | |
| Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... \$970.00 | | | |
| International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$96.00 | | | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | \$ 840.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE |
| Total claims | 8 - 20= | | X \$18.00 \$ |
| Independent claims | 3 - 3= | | X \$78.00 \$ |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | + \$260.00 | \$ |
| TOTAL OF ABOVE CALCULATIONS = | | \$ 840.00 | |
| Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28). | | \$ | |
| SUBTOTAL = | | \$ 840.00 | |
| Processing fee of \$130.00 for furnishing English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)). + | | \$ | |
| TOTAL NATIONAL FEE = | | \$ 840.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | \$ | |
| TOTAL FEES ENCLOSED = | | \$ 840.00 | |
| | | Amount to be refunded \$ | |
| | | charged \$ | |
| a. <input type="checkbox"/> | A check in the amount of \$_____ to cover the above fees is enclosed. | | |
| b. <input checked="" type="checkbox"/> | Please charge my Deposit Account No. 05-0840 in the amount of <u>\$ 840.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. | | |
| c. <input checked="" type="checkbox"/> | The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 05-0840. A duplicate copy of this sheet is enclosed. | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | |
| SEND ALL CORRESPONDENCE TO: ELI LILLY AND COMPANY PATENT DIVISION/PCK LILLY CORPORATE CENTER | |  SIGNATURE | |
| | | Paul C. Kimball NAME | |
| Date | 34,641 | REGISTRATION NUMBER | (202) 434-1024 |
| | | | TELEPHONE NUMBER |

09/647278
526 Rec'd OCT/PTO 26 SEP 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Janet Mary Hock

International Application No.: PCT/US99/18961

Filed: August 19, 1999 (08/19/99)

Invention: METHOD FOR INCREASING BONE TOUGHNESS AND STIFFNESS AND REDUCING FRACTURES

Lilly Reference: X-11965

Earliest Priority Date: August 19, 1998 (08/19/98)

Certificate Under 37 C.F.R. § 1.10

Attention: DO/EO
Box PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir/Madam:

"Express Mail" mailing label number: EL559726180US

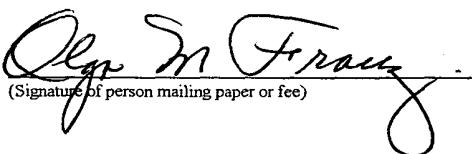
Date of Deposit: September 26, 2000

I hereby certify that the following attached paper or fee

Transmittal Letter to the United States Designated/Elected Office (US) concerning a filing under 35 U.S.C. 371 of the International Application identified above is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Olga M. Franz

(Typed or printed name of person mailing paper)


(Signature of person mailing paper or fee)